247841



Laura Bateman
Carolinas Rates & Regulatory Strategy
410 S. Wilmington Street
Raleigh, NC 27601 2016 DEC
919.546.3324
Laura.Bateman@duke-energy.com
COMMISSION CE

November 30, 2016

Jocelyn Boyd Chief Clerk and Administrator Public Service Commission of South Carolina Post Office Drawer 11649 101 Executive Center Drive, Suite 100 Columbia, SC 29211 Posted: Sed

Dept: JA

Date: 12/5/16

Dear Mrs. Boyd:

Enclosed per Docket No. 2006-268-E is the quarterly report of Duke Energy Carolinas, LLC for the twelve months ending September 30th, 2016. Debt coverage ratio of earnings to Fixed Charges was 5.07 for this time period.

Please feel free to contact me at 919.546.3324 if you have any questions.

Sincerely,

Laura Bateman

Carolinas Rates & Regulatory Strategy

Duke Energy

Enclosures

RECEIVED

DEC 0 1 2018

PSC SC MAIL / DMS

Mr. Dukes Scott, Executive Director
 Office of Regulatory Staff
 Ms. Dawn Hipp, Director Utilities, Safety & Transporation
 Office of Regulatory Staff
 Mr. Willie Morgan, Deputy Director Utilities Rates
 Office of Regulatory Staff

CERTIFICATION

(Certification must be signed by the Chief Executive Officer and the Chief Financial Officer)

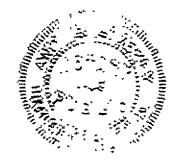
I, Lynn J. Good, state and attest, under penalty of perjury, that the attached South Carolina Quarterly Report is filed on behalf of Duke Energy Carolinas, LLC, as required by the Public Service Commission of South Carolina; that I have reviewed said report and, in the exercise of due diligence, have made reasonable inquiry into the accuracy of the information and representations provided therein; and that, to the best of my knowledge, information, and belief, all information contained therein is accurate and true and contains no false, fictitious, fraudulent or misleading statements; that no material information or fact has been knowingly omitted or misstated therein, and that all information contained therein has been prepared and presented in accordance with all applicable South Carolina general statutes, Commission rules and regulations, and applicable Commission Orders. Any violation of this Certification may result in the Commission initiating a formal earnings review proceeding.

Som Arod
Signature of President
Lynn J. Good
Typed or Printed Name of Person Signing
President, CEO & Chair of BOD
Title
11/21/16
Date Signed

Subscribed and sworn to before me this $215^{1/2}$ day of $\sqrt{\text{ovember}}$, 2016.

Notary Public

My Commission Expires: 11/10/17



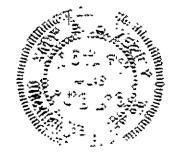
CERTIFICATION

(Certification must be signed by the Chief Executive Officer and the Chief Financial Officer)

I, Steven K. Young, state and attest, under penalty of perjury, that the attached South Carolina Quarterly Report is filed on behalf of Duke Energy Carolinas, LLC, as required by the Public Service Commission of South Carolina; that I have reviewed said report and, in the exercise of due diligence, have made reasonable inquiry into the accuracy of the information and representations provided therein; and that, to the best of my knowledge, information, and belief, all information contained therein is accurate and true and contains no false, fictitious, fraudulent or misleading statements; that no material information or fact has been knowingly omitted or misstated therein, and that all information contained therein has been prepared and presented in accordance with all applicable South Carolina general statutes, Commission rules and regulations, and applicable Commission Orders. Any violation of this Certification may result in the Commission initiating a formal earnings review proceeding.

Strenk, Journal Signature of Person Making Verification
Steven K. Young Typed or Printed Name of Person Signing
Executive Vice President & CFO
Title
Date Signed Date Signed

Subscribed and sworn to before me this 21^{54} day of $\sqrt{\text{ovember}}$, 2016.



Notary Public

My Commission Expires:_

Duke Energy Carolinas, LLC Electric Operating Experience - Total Company & SC Retail

12 Months Ended September 30, 2016

				To	tal Company						SC Retail		
Line No.	Description	Re	egulatory Per Books		Pro-Forma djustments		As Adjusted	Re	egulatory Per Books		Pro-Forma Adjustments	Δ	s Adjusted
140.				Δ					DOOKS	1	Adjustments	A	s Adjusted
	(Col. 1)		(Col. 2)		(Col. 3)		(Col. 4)		(Col. 5)		(Col. 6)		(Col. 7)
			φ		Φ		P		Þ		\$		\$
1	Operating Revenues	\$	7,210,013	\$	(311,017)	\$	6,898,996	\$	1,737,559	\$	(82,085)	\$	1,655,474
2	Operating Expenses												
3	O&M Expenses - Fuel		1,392,654		-		1,392,654		345,191		(740)		344,451
4	O&M Expenses - Purchased Power and Net Interchange		325,766		-		325,766		80,604		-		80,604
5	O&M Expenses - Wages, Benefits, Materials, etc.		2,045,730		(136,986)		1,908,744		489,182		(37,368)		451,814
6	Depreciation & Amortization Expenses Taxes Other Than Income		1,107,367		44,786		1,152,153		238,852		9,422		248,274
8	Income Taxes		267,083 606,726		10,483		277,566		80,964		1,948		82,912
9	Investment Tax Credit		(5,262)		(101,939)		504,787 (5,262)		153,659 (1,216)		(24,666)		128,992.93 (1,213)
	THE STATE OF		(0,202)			_	(3,202)		(1,210)	_			(1,213)
10	Total Operating Expenses		5,740,063		(183,656)	_	5,556,407	_	1,387,236		(51,401)		1,335,835
11	Operating Return		1,469,950		(127,360)		1,342,589		350,323		(30,684)		319,639
12	Customer Growth				4,717		4,717		-		4,717		4,717
13	Interest on Customer Deposits (Before Taxes)	_	8,584			_	8,584		1,007		-		1,007
14	Total Income for Return	\$	1,461,366	\$	(122,643)	\$	1,338,722	\$	349,316	\$	(25,967)	\$	323,349
15	Rate Base												
16	Plant in Service	\$	35,809,754	\$	849,925	\$	36,659,679	\$	8,155,428	\$	164,798	\$	8.320.226
17	Reserve for Depreciation		(14,535,772)		(44,786)		(14,580,558)	-	(3,311,025)		566		(3,310,459)
18	Net Plant		21,273,982		805,140		22,079,121		4,844,403		165,364		5,009,767
19	Construction Work in Progress		167,805		1,295,442		1,463,247		39,327		296,613		335,940
20	Other Rate Base		(444,928)		(47.400)		(444,928)		(102,790)		-		(102,790)
21 22	Total Working Capital Materials & Supplies		1,967,305 1,656,188		(17,123) (9,358)		1,950,182 1,646,830		481,413		(4,671)		476,742
23	Accumulated Deferred Income Taxes		(6,605,814)		(52,015)		(6,657,829)		389,008 (1,521,307)		(2,322) (9,049)		386,686
20	Accountation before a modified Taxos	-	(0,000,014)		(32,013)	_	(0,057,029)		(1,321,307)	_	(9,049)		(1,530,356)
24	Total Rate Base	\$	18,014,538	\$	2,022,085	\$	20,036,623	\$	4,130,054	\$	445,934	\$	4,575,989
25	Rate of Return		8.11%				6.68%		8.46%				7.07%
26	Return on Equity		10.80%				8.19%		11.43%				8.89%

Duke Energy Carolinas, LLC Electric Accounting & Pro Forma Adjustments Total Company 12 Months Ended September 30, 2016

Adj. #	<u>Description</u>		Revenues		O&M xpenses <u>Fuel</u>		O&M Expenses Other		Deprec. & Amort. Expense		Taxes Other Than Income		Interest on Customer Deposits		Income Taxes @ 0.375235 37.52%		vestment Tax Credit
1	To Annualize Depreciation on Year-End Plant	\$		\$		S		S	21,434	s		s	-	s	(8.043)	s	
2	To Annualize Wage Rate Increase						(1,474)				(91)				587	*	
3	To Update for Increased Benefits Costs						143								(54)		
4	To Annualize Property Taxes on Year-End Plant										6,149				(2,307)		
5	To Reflect CWIP Closings to Plant								23,352		4,488				(10,447)		
6	To Adjust Income Taxes to Reflect Interest Synchronization														(15,897)		
7	To eliminate unbilled revenues		(69,828)								(63)				(26,178)		
8	Adjust coal inventory		-								-						
9	Adjust the amount of CWIP in rate base												-				
10	Adjust 1/8 O&M for accounting and pro forma adjustments														-		
11	To Exclude Greenwood Operations																
12	To Normalize Nuclear Refueling Outage Costs				2		(6,293)						-		2,361		-
13	To remove SC Load Retention Rider revenues		0														
14	To remove DSM/EE program revenues and program costs		(241,189)				(129,362)								(41,961)		
		0	-														-
	TOTAL - ALL PRO FORMAS	\$				\$	(136,986)	\$	44,786	\$	10,483	\$	-	\$	(101,939)	\$	-
						-											0
			0	\$	-	5			0		0				0		U
Adj. #	Description		Plant In Service	A	Accum. Deprec.	5	CWIP		ADIT		Other Rate Base		Working Cash		Materials <u>& Supplies</u>		Ü
•	Description 1 To Annualize Depreciation on Year-End Plant	s	Plant In	A	Accum.			\$		\$	Other	s		\$	Materials		Ü
	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase	s	Plant In	A	Accum. Deprec.			\$		\$	Other	\$		s	Materials		Ü
	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs	\$	Plant In	A	Accum. Deprec.			\$		\$	Other	\$		\$	Materials		Ü
	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant	s	Plant In Service	A	(21,434)			\$	ADIT	\$	Other	\$		\$	Materials		Ü
	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant	s	Plant In	A	Accum. Deprec. (21,434)			\$		\$	Other	\$		s	Materials		Ü
	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant	s	Plant In Service	A	(21,434)			\$	ADIT	\$	Other	s		s	Materials		Ü
	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory	\$	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	\$		s	Materials & Supplies		Ü
	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust toal inventory 9 Adjust the amount of CWIP in rate base	\$	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	s	Cash	s	Materials & Supplies		Ü
10	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory 9 Adjust the amount of CWIP in rate base 9 Adjust 1/8 O&M for accounting and pro forma adjustments	\$	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	s		\$	Materials & Supplies		Ü
10	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory 9 Adjust to amount of CWIP in rate base 10 Adjust 1/8 O&M for accounting and pro forma adjustments 1 To Exclude Greenwood Operations	s	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	\$	Cash	S	Materials & Supplies		Ü
10 11 11	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory 9 Adjust the amount of CWIP in rate base 9 Adjust 1/8 O&M for accounting and pro forma adjustments	s	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	S	Cash	\$	Materials & Supplies		Ü
10 11 11 12	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Annualize Properly Taxes on Year-End Plant 5 To Annualize Properly Taxes on Year-End Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory 9 Adjust the amount of CWIP in rate base 0 Adjust 1/8 O&M for accounting and pro forma adjustments 1 To Exclude Greenwood Operations 2 To Normalize Nuclear Refueling Outage Costs	s	Plant In Service	A	(21,434)		<u>CWIP</u>	\$	ADIT	\$	Other	\$	Cash	S	Materials & Supplies		Ü
10 11 11 12	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Reflect CWIP Closings to Plant 6 To Adjust Income Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust tocal inventory 9 Adjust the amount of CWIP in rate base 0 Adjust 1/8 O&M for accounting and pro forma adjustments 1 To Exclude Greenwood Operations 2 To Normalize Nuclear Refueling Outage Costs 3 To remove SC Load Retention Rider revenues	s	Plant In Service	A	(21,434) (23,352)		CWIP	\$	ADIT		Other Rate Base	s	Cash		Materials & Supplies		
10 11 11 12	1 To Annualize Depreciation on Year-End Plant 2 To Annualize Wage Rate Increase 3 To Update for Increased Benefits Costs 4 To Annualize Property Taxes on Year-End Plant 5 To Adjust Property Taxes to Reflect Interest Synchronization 7 To eliminate unbilled revenues 8 Adjust coal inventory 9 Adjust the amount of CWIP in rate base 1 To Exclude Greenwood Operations 2 To Normalize Nuclear Refueling Outage Costs 3 To remove SC Load Retention Rider revenues 4 To remove DSM/EE program revenues and program costs		Plant In Service	\$	(21,434) (23,352)	S	CWIP		ADIT (52,015)		Other Rate Base		Cash		Materials 8 Supplies		

Duke Energy Carolinas, LLC Electric Accounting & Pro Forma Adjustments SC Retail

12 Months Ended September 30, 2016

<u>Adj.</u> #	<u>Description</u>	Revenues		O&M Expenses <u>Fuel</u>	O&M Expenses Other		Deprec. & Amort. Expense	•	Taxes Other Than Income		Interest on Customer Deposits		Income Taxes @ 0.3825 38.25%	Investmer Tax <u>Credit</u>	nt
1	To Annualize Depreciation on Year-End Plant	\$	\$	s -	\$ -	\$	4,895	\$	-	S	-	S	(1,872)	s	-
2	To Annualize Wage Rate Increase			-	(352)		-		(22)		-		143		-
3	To Update for Increased Benefits Costs	5		-	34		-				-		(13)		
4	To Annualize Property Taxes on Year-End Plant			-			-		1,266				(484)		-
5	To Reflect CWIP Closings to Plant			-			5,292		1,010		-		(2,410)		
6	To Adjust Income Taxes to Reflect Interest Synchronization			-			-				-		(3,497)		
7	To eliminate unbilled revenues	(21,0	57)						(63)		-		(8,030)		
8	Adjust coal inventory			-					,,		-		(0,000)		
9	Adjust the amount of CWIP in rate base						-		-		-		2		
10	Adjust 1/8 O&M for accounting and pro forma adjustments			-			-		-		-				
11	To Exclude Greenwood Operations	(8)	88)	(740)	(1,122)		(764)		(243)		_		758		3
12	To Normalize Nuclear Refueling Outage Costs	ň.		-	(1,598)				(= .0)		_		611		
13	To remove DSM/EE program revenues and program costs	(60,1	40)		(34,330)		-				-		(9,872)		_
14	To remove SC Load Retention Rider revenues	,,			(= 1,000)								(5,072)		
											-				
	TOTAL - ALL PRO FORMAS	\$ (82,0	85) \$	\$ (740)	\$ (37,368)	\$	9,422	\$	1,948	S		\$	(24,666)	\$	3
													(= 1,000)	<u> </u>	
Adj. #	Description	Plant In Service		Accum. Deprec.	CWIP		ADIT		Deferred Debit/Credit		Working <u>Cash</u>		Materials & Supplies	-	
(0)000 % (-0)	Description To Annualize Depreciation on Year-End Plant			Accum. Deprec.	CWIP	s	ADIT .		Deferred	s		s	Materials		
1 2	To Annualize Depreciation on Year-End Plant ? To Annualize Wage Rate Increase	Service	s	Accum. Deprec.	CWIP	\$	ADIT		Deferred	\$		\$	Materials		
1 2 3	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs	Service	s	Accum. Deprec.	CWIP	\$	ADIT -		Deferred	\$		\$	Materials		
1 2 3 4	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant	Service s -		Accum. Deprec. (4,895)	CWIP	\$			Deferred	\$		\$	Materials	•	
1 2 3 4 5	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant	Service		Accum. Deprec.	CWIP	s	ADIT (11,700)		Deferred	\$		\$	Materials	•	
1 2 3 4 5 6	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization	Service s -		Accum. Deprec. (4,895)	CWIP	\$			Deferred	s		\$	Materials	•	
1 2 3 4 5 6 7	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues	Service s -		Accum. Deprec. (4,895)	CWIP	\$			Deferred	\$		\$	Materials & Supplies	•	
1 2 3 4 5	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization	Service s -		Accum. Deprec. (4,895)	CWIP	s			Deferred	\$	Cash	\$	Materials	•	
1 2 3 4 5 6 7 8	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues Adjust coal inventory Adjust the amount of CWIP in rate base Adjust 1/8 O&M for accounting and pro forma adjustments	\$	84	Accum. Deprec. 6 (4,895) - - (5,292) - -	<u>CWIP</u> \$	s			Deferred	s	Cash		Materials & Supplies		
1 2 3 4 5 6 7 7 8 9	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues Adjust coal inventory Adjust the amount of CWIP in rate base O Adjust 1/8 O&M for accounting and pro forma adjustments To Exclude Greenwood Operations	\$	84	Accum. Deprec. (4,895) (5,292)	<u>CWIP</u> \$	s			Deferred	s	Cash		Materials & Supplies		
1 2 3 4 5 6 7 7 8 8 10	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues Adjust coal inventory Adjust the amount of CWIP in rate base Adjust 1/8 O&M for accounting and pro forma adjustments To Exclude Greenwood Operations To Normalize Nuclear Refueling Outage Costs	\$	84	Accum. Deprec. 6 (4,895) - (5,292) - - 10,752	<u>CWIP</u> \$	s	(11,700)		Deferred	\$	Cash		Materials & Supplies		
1 2 3 3 4 4 5 6 6 7 7 8 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues Adjust coal inventory Adjust the amount of CWIP in rate base O Adjust 1/8 O&M for accounting and pro forma adjustments To Exclude Greenwood Operations	\$	84	Accum. Deprec. (4,895) (5,292)	<u>CWIP</u> \$	\$	(11,700)		Deferred	\$	Cash		Materials & Supplies		
1 2 3 3 4 4 5 6 6 7 7 8 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11	To Annualize Depreciation on Year-End Plant To Annualize Wage Rate Increase To Update for Increased Benefits Costs To Annualize Property Taxes on Year-End Plant To Reflect CWIP Closings to Plant To Adjust Income Taxes to Reflect Interest Synchronization To eliminate unbilled revenues Adjust tocal inventory Adjust the amount of CWIP in rate base Adjust 1/8 O&M for accounting and pro forma adjustments To Exclude Greenwood Operations To Normalize Nuclear Refueling Outage Costs To remove DSM/EE program revenues and program costs	\$	84	Accum. Deprec. 6 (4,895) (5,292)	<u>CWIP</u> \$	\$	(11,700)	S	Deferred	\$	Cash		Materials & Supplies		

Duke Energy Carolinas, LLC Statement of Fixed Assets - Electric 12 Months Ended September 30, 2016

		: a_c		Tot	at Company	T.	+	,	* * *		SC Retall	<u></u>	
Line No.	Qescription												
INO.	<u>vescription</u>	Per E	Books	Adio	stments	As A	diusted	Per	Books	Ađiu	stments	As Ac	fjusted
	(Col. 1)		(Col. 2)		(Col. 3)		(Col. 4)		(Col. 5)		(Col. 6)		(Col. 7)
	(··)		\$		\$		\$		\$		\$		\$
	Gross Plant in Service												
1,	Intangible Plant	s	781,795	\$	40,471	s	822,266	\$	178,098	\$	9,120	\$	187,218
2	Production	•	20,062,528	·	530,676		20,593,204	•	4,570,378	•	122,328	•	4,692,706
3	Transmission		3,486,411		153,270		3,639,681		792,107		28,297		820,404
4'	Distribution		10,598,419		109,975		10,708,394		2,414,391		27,780		2,442,171
5	General		867,147		15,533		882,680		197,542		3,660		201,202
6	Common Subtotal		35,796,300		849,925		36,646,226		8,152,515		191,184		8,343,700
7	Plant Held for Future Use		13,453		049,325		13,453		2,913		191,104		2,913
8	Greenwood								2,010		(26,386)		(26,386)
	Tatal Carre Blankin Carrier	_	05 000 754	_	040.005		20.050.030	_	0.455.400	_	404.700		0.000.000
9	Total Gross Plant in Service	<u> </u>	35,809,754	<u> </u>	849,925	<u>\$</u>	36,659,679	\$	8,155,4 <u>28</u>	<u> </u>	164,798	<u>\$</u>	8,320,226
	Construction Work in Progress												
10	'Production	\$	130,023	\$	991,928	\$	1,121,951	\$	30,943	\$	228,652	\$	259,596
11	Transmission		11,505		92,322		103;827		2,084		17,045	•	19,129
12	Distribution		4,974		109,026		114,000		1,254		27,540		28,794
13	General		8,681		34,421		43,102		2,056		8,110		10,166
14	Intangible		12,623		67,745		80,367		2,989		15,266		18,255
15	Total Construction Work in Progress	\$	167,805	<u> </u>	1,295,442	<u>\$</u>	1,463,247	\$	39,327	\$	296,613	<u>\$</u>	335,940

Duke Energy Carolinas, LLC Reserve for Depreciation - Electric 12 Months Ended September 30, 2016

1 !		·	· ·	To	tal Company	 	 		SC Retail	•	
Line <u>No.</u>	<u>Description</u>		Per Books	<u>A</u>	<u>djustments</u>	As Adjusted	Per Books		<u>Adjustments</u>		As Adjusted
	(Col. 1)		(Col. 2) \$		(Col. 3) \$	(Col. 4) \$	(Col. 5) \$		(Col. 6) \$		(Col. 7) \$
1	Intangible Plant	\$	(491,272)	\$	(1,157)	\$ (492,429)	\$ (114,915)	\$	(261)	\$	(112,176)
2	Production		(7,793,817)		(24,246)	(7,818,063)	(1,775,484)		(5,589)		(1,781,073)
3	Transmission		(1,380,453)		(4,921)	(1,385,375)	(314,156)		(909)		(315,064)
4	Distribution		(4,526,235)		(4,997)	(4,531,232)	,(1,031,107)		(1,198)		(1,032,305)
5	General		(343,994)		(9,464)	(353,459)	(78,364)		(2,230)		(80,594)
6	Сотртоп								-		•
7	Greenwood						 		10,752		10,752
8	Total Reserve for Depreciation	\$	(14,535,772)	<u>\$</u>	(44,786)	\$ (14,580,558)	\$ (3,311,025)	<u>\$</u>	566	\$	(3,310,459)

Duke Energy Carolinas, ItLC Other Rate Base - Electric 12 Months Ended September 30, 2016

		•		То	tál Company,	 * * *	 h ta	·	SC Retail	v 	*
Line <u>No.</u>	<u>Description</u>	<u>F</u>	er Books	<u>A</u>	djustments	As Adjusted	Per Books	į	Adjustments	As	Adjusted
	(Col. 1)		(Col. 2) \$		(Col. 3) \$	(Col. 4) \$	(Gol. 5) \$		-(Col. 6) \$	((Col. 7) \$
1	Operating Reserves	\$	(444,928)	\$	•	\$ (444,928)	\$ (102,790)	\$	-	\$	(102,790)
2											
3											
4											
5											
6											
7						 	 				
8	Total Other Rate Base	\$	(444,928)	\$		\$ (444,928)	\$ (102,790)	_\$_		\$	(102,790)

Duke Energy Carolinas, ILC Total Working Capital - Electric 12 Months Ended September 30, 2016

			+	Tot	al Company	*			*	* 5	SC Rétail	Ŧ	* ************************************
Line <u>No.</u>	Description		Per Books	<u>Ac</u>	<u>fiustments</u>		As Adjusted		Per Books	A	diustments	£	\s Adjusted
	(Col. 1)		(Col. 2) \$		(Col. 3) \$		(Col. 4) \$		(Col. 5) \$		(Col. 6) \$		(Col. 7)
1	Twelve Month O&M Expenses	_\$_	3,162,862	\$	(136,986)	<u>\$</u>	3,025,876	\$	766,006	\$	(37,368)	\$	728,638
2	Working Cash (1/8 of O&M Expenses on Line 1)	\$	395,358	\$	(17,123)	\$	378,234	\$	95,751	\$	(4,671)	\$	91,080
3	Average Tax Accruals		(64,153)				(64,153)		(14,656)				(14,656)
4	Subtotal: Investor Funds for Operations		331,205		(17,123)		314,082		81,095		(4,671)		76,424
5	Unamortized Debt		117,372		•		117,372		25,757		-		25,757
6	Required Bank Balance		300		-		300		24,687		•		24,687
7	Prepayments		18,757		-		18,757		4,279		-		4,279
8	Customer Deposits		(132,527)		-		(132,527)		(29,223)		-		(29,223)
9	Other		1,632,199		-		1,632,199		374,817		-		374,817
	Other Detail Pension Funding SC DEP Deferred Depreciation and Reg Liability-book depreciation COR Reversal WC - Other - Injuries and Damages Reg Asset - FAS 109/Tax related SC Storm Reserve Other Misc	i	455,061 (4,129) 102,794 537,165 505,963 (20,262) 55,606				455,061 (4,129) 102,794 537,165 505,963 (20,262) 55,606		107,057 (13,472) 44,798 126,373 194,530 (20,262) (64,207)				107,057 (13,472) 44,798 126,373 194,530 (20,262) (64,207)
10	Total Working Capital	\$	1,967,305	\$	(17,123)	\$	1,950,182	s	481,413	\$	(4,671)	\$	476,742

Duke Energy Carolinas, LLC Materials & Supplies - Electric 12 Months Ended September 30, 2016

		e 7 e g	Total Company	** ***********************************	* * *	SC Retall	
Line <u>No</u>	Description	Per Books	<u>Adjustments</u>	As Adjusted	Per Books	<u>Adjustments</u>	As Adjusted
	(Col. 1)	(Col. 2)	(Col. 3)	(Col. 4)	(Col. 5)	(Col. 6)	(Col. 7)
	Fuel Stock	\$	\$	a	\$	3	\$
1	Fossil	294,790	(9,358)	285,432	73,149	(2,322)	70,827
2	Nuclear	570,065		570,065	141,456		141,456
3	Total Fuel Stock	864,855	(9,358)	855,497	214,605	(2,322)	212,283
4	Emission Allowances	33,388	-	33,388	7,358	-	7,358
5	Other Electric Materials and Supplies	757,945	<u></u>	757,945	167,044		167,044
6	Total Materials & Supplies	·\$ 1,656,188	\$ (9,358)	\$ 1,646,830	\$ 389,008	\$ (2,322)	\$ 386,686
Note:	(a) Adjustment to per book coal inventory balance to reflect target in	ventory level.		Total Company			SC Retail
	Coal Inventory Target Level (in tons) Price per Ton - Coal			2,525 \$97. 50			
	Total Company Pro Forma Inventory			\$ 246,203			\$ 61,093
	Per Book Coal Inventory			\$255,561.16			\$63,415.04
	Coal Adjustment			\$ (9,358)			\$ (2,322)

Duke Energy Cerolinas, LLC Cost of Capital - Electric Operations 12 Months Ended September 30, 2018

									Total Co.	mpan	У							
		٠,	net the	- 16 16		1000 St. 10	Per Books		a company ages in the		es a	* .4	,	As Adju	sted * * *			z 1 m
<u>Line</u> No.	<u>Description</u>		Amount (Col. 1)	Retto (Cot. 2)		Retail Rate Base (Col. 3)	Embedded Cost/ Return (Cot. 4)	Weighted Cost/ Return (Col. 5)	Operating Income (Col, 6)		Amount (Col. 7)	Ratio (Col. 8)		Retail Rate Base (Col. 9)	Embeddad Cost/ Return (Col. 10)	Weighted Cost/ Return (Col. 11)	1	perating Income Col. 12)
1	Long Term Debt	\$	8,934,707	45.20%	\$	8,143,366	4.85%	2.19%	394,953	\$	8,934,707	45.20%	\$	9,057,438	4.85%	2,19%	5	439,286
3	Preferred Stock Common Equity		10,830,415	54.80%		9,871,172	10.80%	5.92%	1,068,413	-	10,830,415	54.80%	_	10,979,185	8.19%	4.49%		899,436
4	Total	3	19,765,123	100,00%	5	18,014,538	<u>.</u>		\$ 1,461,366	\$	19,765,123	100.00%	<u>\$</u>	20,036,623			3	1,338,722

							- <u>-</u> -		 South Ca	rokn	a	<u>.</u>	 - · · · -				
					-	Pe	r Books		,				As Adju	sted			
Line No. Description	ı		Amount (Col. 1)	Ratio (Col. 2)		Retail : Rate Base (Col. 3) \$	Embedded Cost/ Return (CoL 4) %	Weighted Cost/ Return (Col. 5) %	Operating Income (Col. 8)		<u>Amount</u> ∙(Col. 7) \$	<u>Ratio</u> (Col. 8) %	Retail Rate Base (Col. 9) \$	Embedded Cost/ Return (Col. 10) %	Weighted Cost/ Return (Col. 11) %		perating Income (Col. 12)
5 Long Term		\$	8,934,707	45.20%	3	1,866,967	4.85%	2.19%	\$ 90,548	\$	8,934,707	45.20%	\$ 2,068,549	4.85%	2 19%	\$	100,325
9 Préferred 9 7 Common E		_	10,830,415	54.80%		2,263,087	11.43%	6.26%	258,768	_	10,830,415	54,80%	 2,507,440	8.89%	4.87%		223,024
6 Total		<u>\$</u>	19,765,123	100.005	<u> </u>	4,130,054	•		\$ 349,316	<u> </u>	19,765,123	100.00%	\$ 4,575,989			<u>\$</u>	323,349

Notes: (a)Long term debt includes Mortgage and Poliution Control Bonds, Senior Debt, Capital Leases and Unamortized Debt expense, discounts and premiums. Current long term debt maturities are excluded.

⁽b) Includes net of tex Progress merger costs to achieve of approximately \$6 million.

⁽c) Includes net of tax Pledmont merger costs to achieve of approximately \$206 thousand.